1   **APPENDIX**

2   **Table 1 – Association of baseline fatty liver index with incident type 2 diabetes after excluding**

3   **smokers**

FLI	Number of subjects (% with T2D) (IR)	Model 1 HR (95% CI)	Model 2 HR (95% CI)
FLI*	1221(22.4) (11)	1.014(1.008-1.021)	1.016(1.009-1.022)
FLI category			
≤30 (Ref.)	549 (13.5) (7)	1.000	1.000
30-<60	380(23.9) (12)	1.43(1.02-1.99)	1.69(1.23-2.33)
≥60	292(37.0) (21)	2.24(1.54-3.26)	2.38(1.65-3.44)
P-trend	-	<0.001	<0.001

4   FLI – fatty liver index, FLI* - FLI uncategorized, HR – hazard ratio. CI – confidence interval. T2D – type 2 diabetes, IR –
5   Incidence rate per 1000 person-years
6   Model 1: FLI, age, examination date, family history of diabetes, alcohol consumption per week, physical activity, fruit-
7   berry-vegetable consumption, C-reactive protein, leukocytes albumin, fibrinogen, and ferritin, systolic blood pressure,
8   diastolic blood pressure, insulin, fasting glucose, LDL, and HDL.
9   Model 2: FLI, age, examination date, family history of diabetes, alcohol consumption per week, physical activity, fruit-
10   berry-vegetable consumption, C-reactive protein, leukocytes albumin, fibrinogen, and ferritin, metabolic syndrome
11   status.
12   [a] Other independent predictors of T2D in the model were family history of diabetes, serum ferritin, alcohol
13   consumption, and fasting glucose.
14   [b] Other independent predictors of T2D in the model were family history of diabetes, serum ferritin, alcohol
15   consumption, and metabolic syndrome status. HR metabolic syndrome = 1.76(1.28-2.41).

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